

FIG. 1A  
(PRIOR ART)

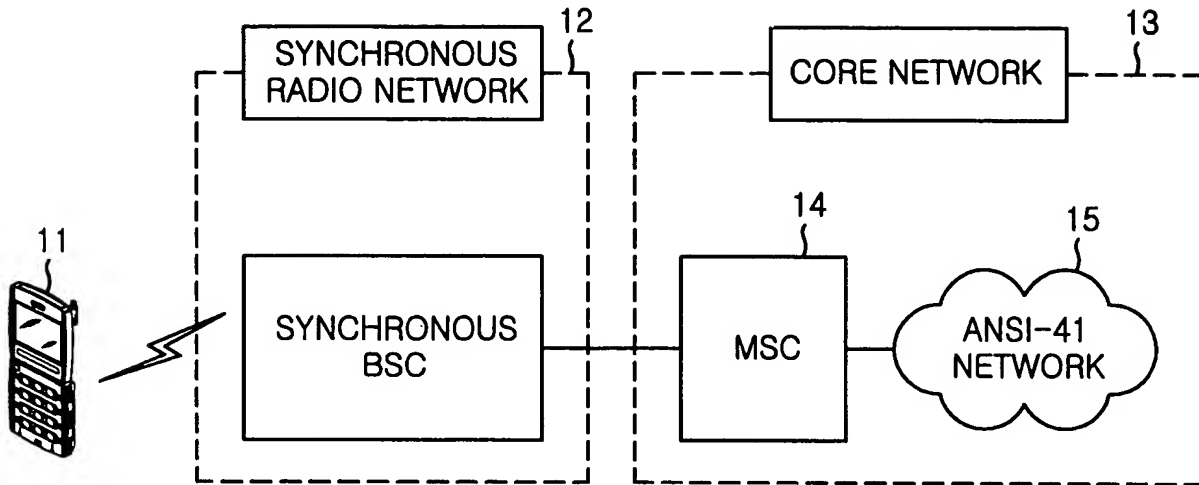


FIG. 1B  
(PRIOR ART)

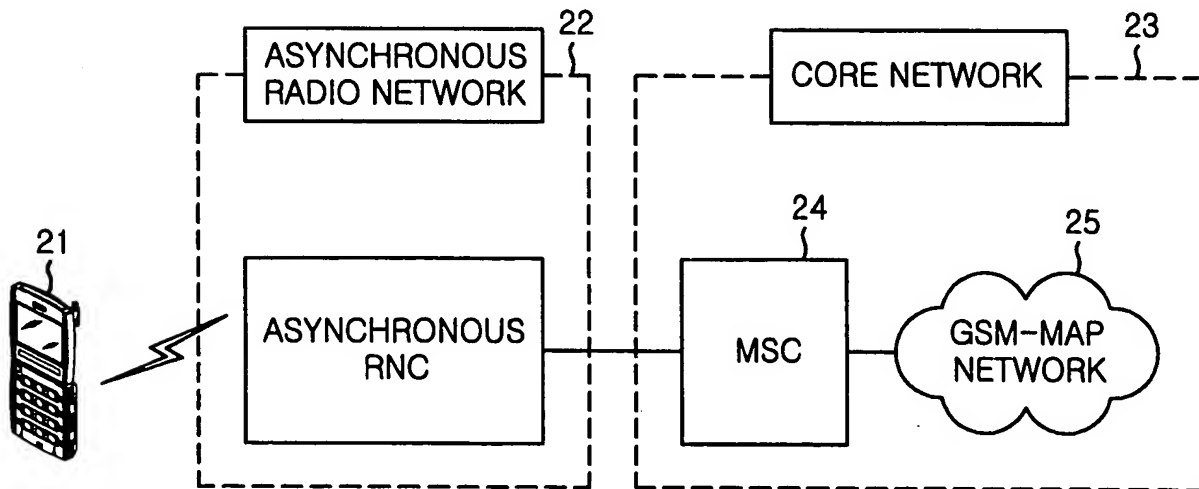


FIG. 4A

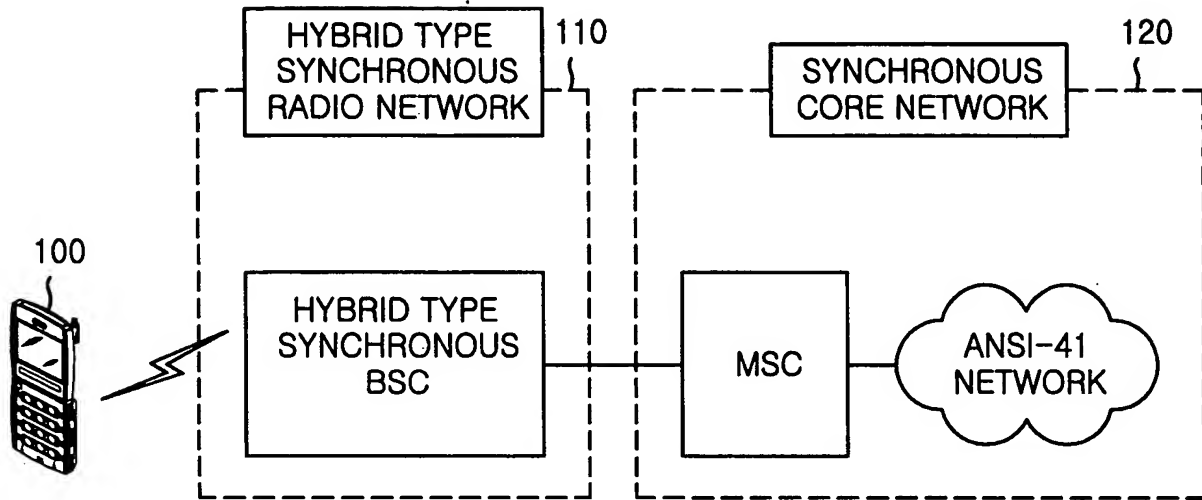


FIG. 4B

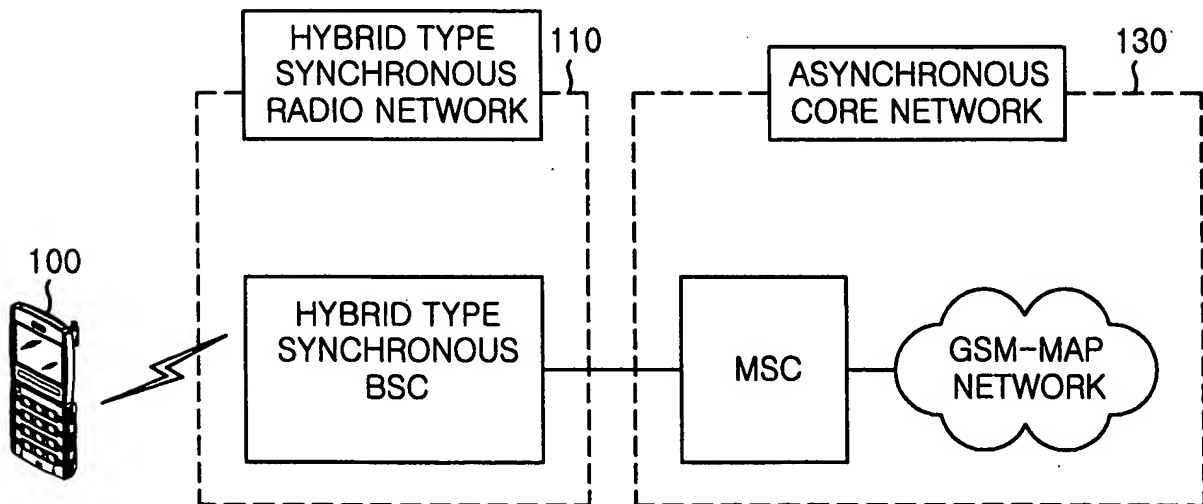


FIG. 2A  
(PRIOR ART)

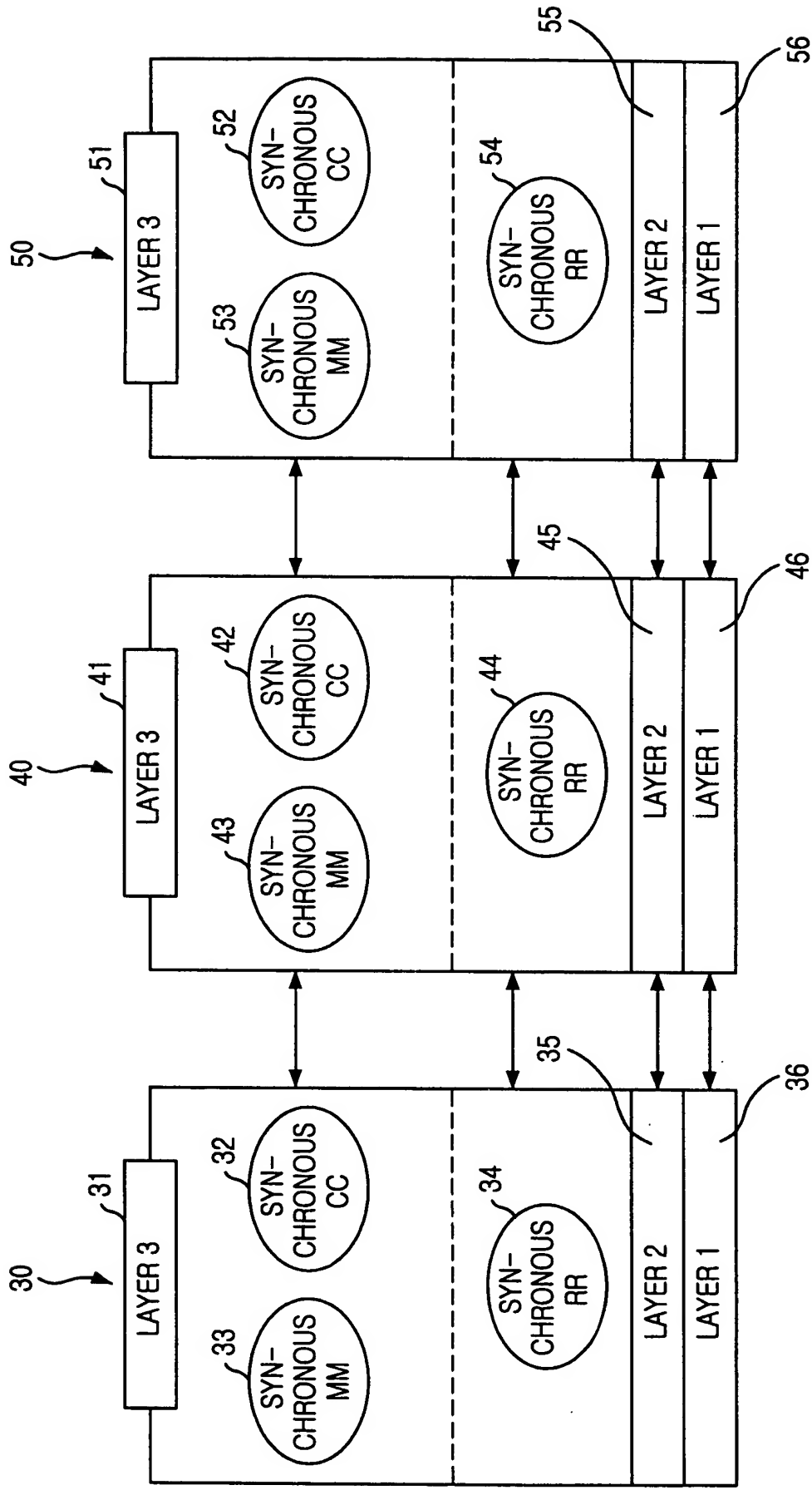
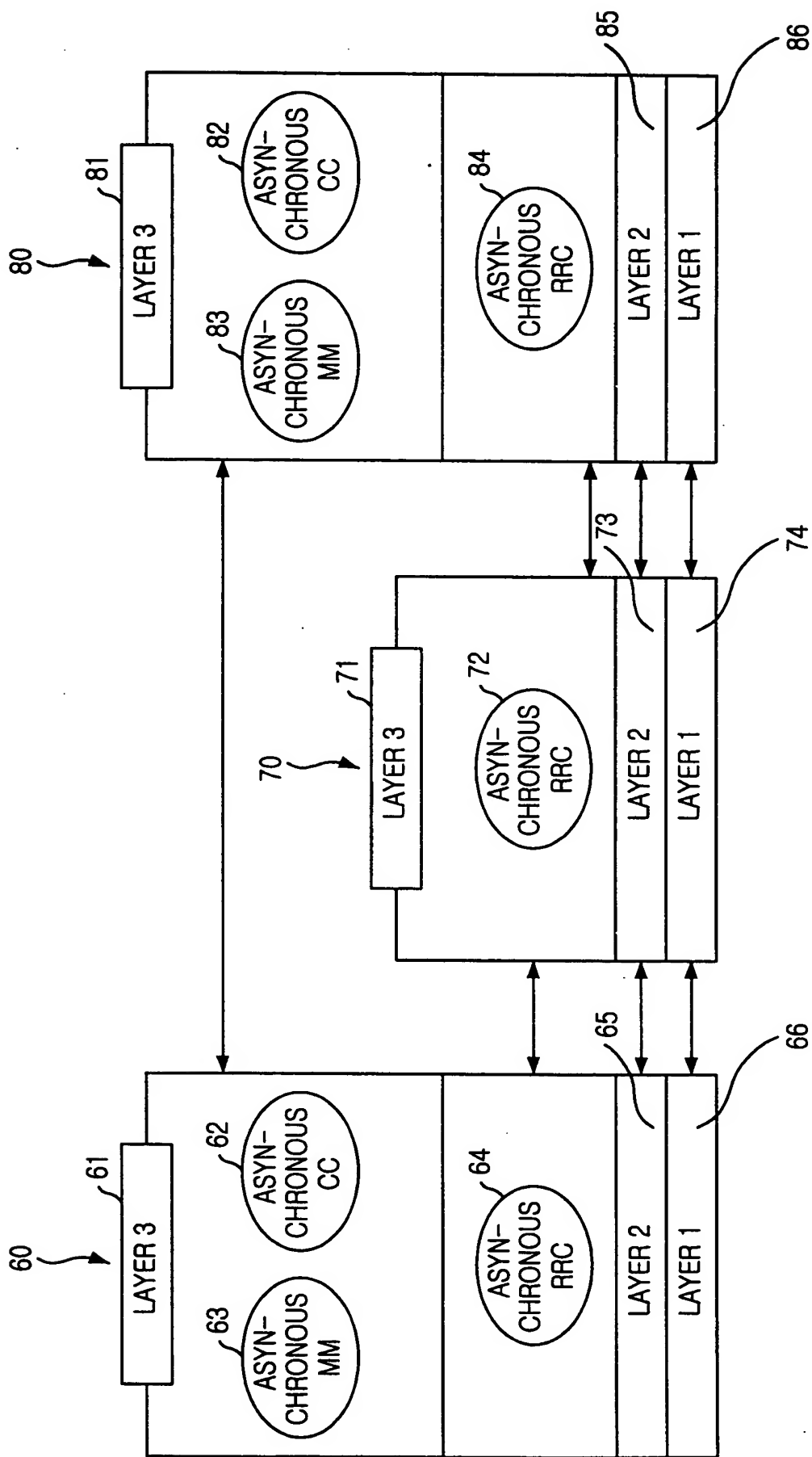


FIG. 2B  
(PRIOR ART)



GSM-MAP		ANSI-41		GSM-MAP		ANSI-41
L3,MM,CC (WCDMA)		L3,MM,CC (CDMA2000)		L3,MM,CC (WCDMA)		L3,MM,CC (CDMA2000)
L3 RRC(WCDMA)	HOOCS	EXTENSION		EXTENSION (CDMA2000)	HOOCS	L3,MM,CC(CDMA2000)
L2(WCDMA)	HOOCS	EXTENSION		EXTENSION	HOOCS	L3,MM,CC(CDMA2000)
L1(WCDMA AS PER SECTION 2)	HOOCS	EXTENSION		EXTENSION	HOOCS	MC (CDMA2000 AS PER SECTION 2)
DIRECT SPREAD						MULTI-CARRIER

## MULTI-CARRIER

FIG. 5A

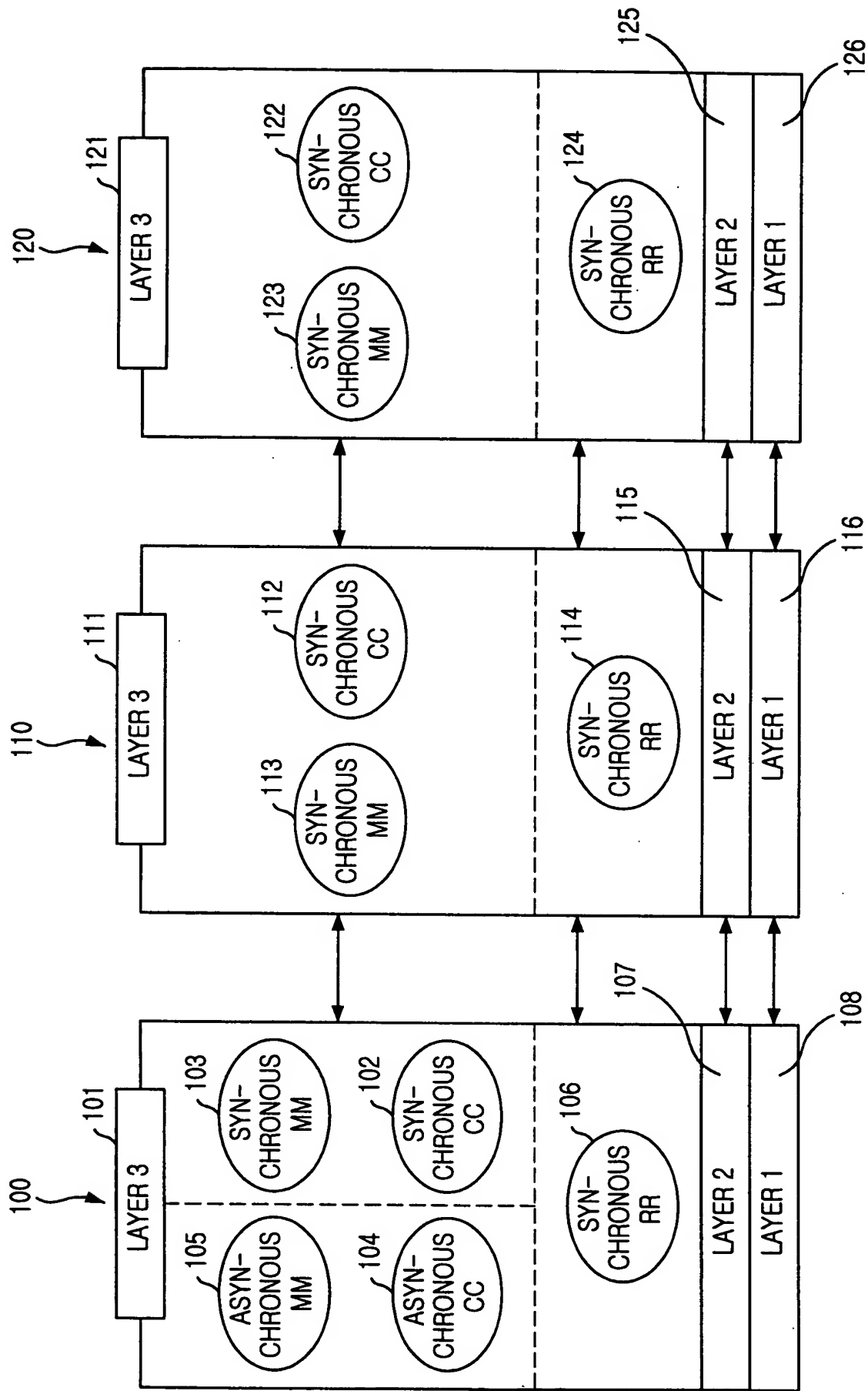


FIG. 5B

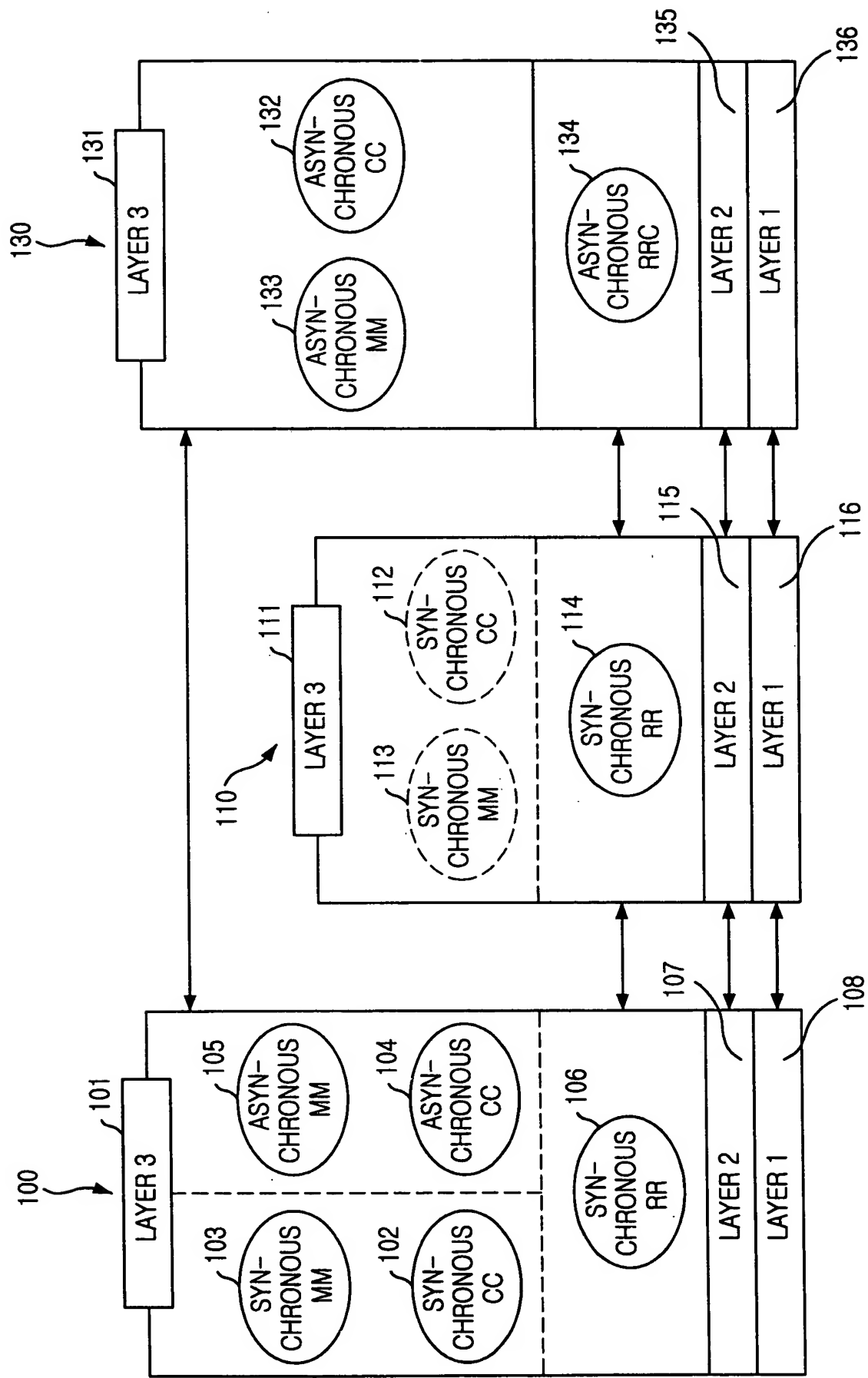


FIG. 5C

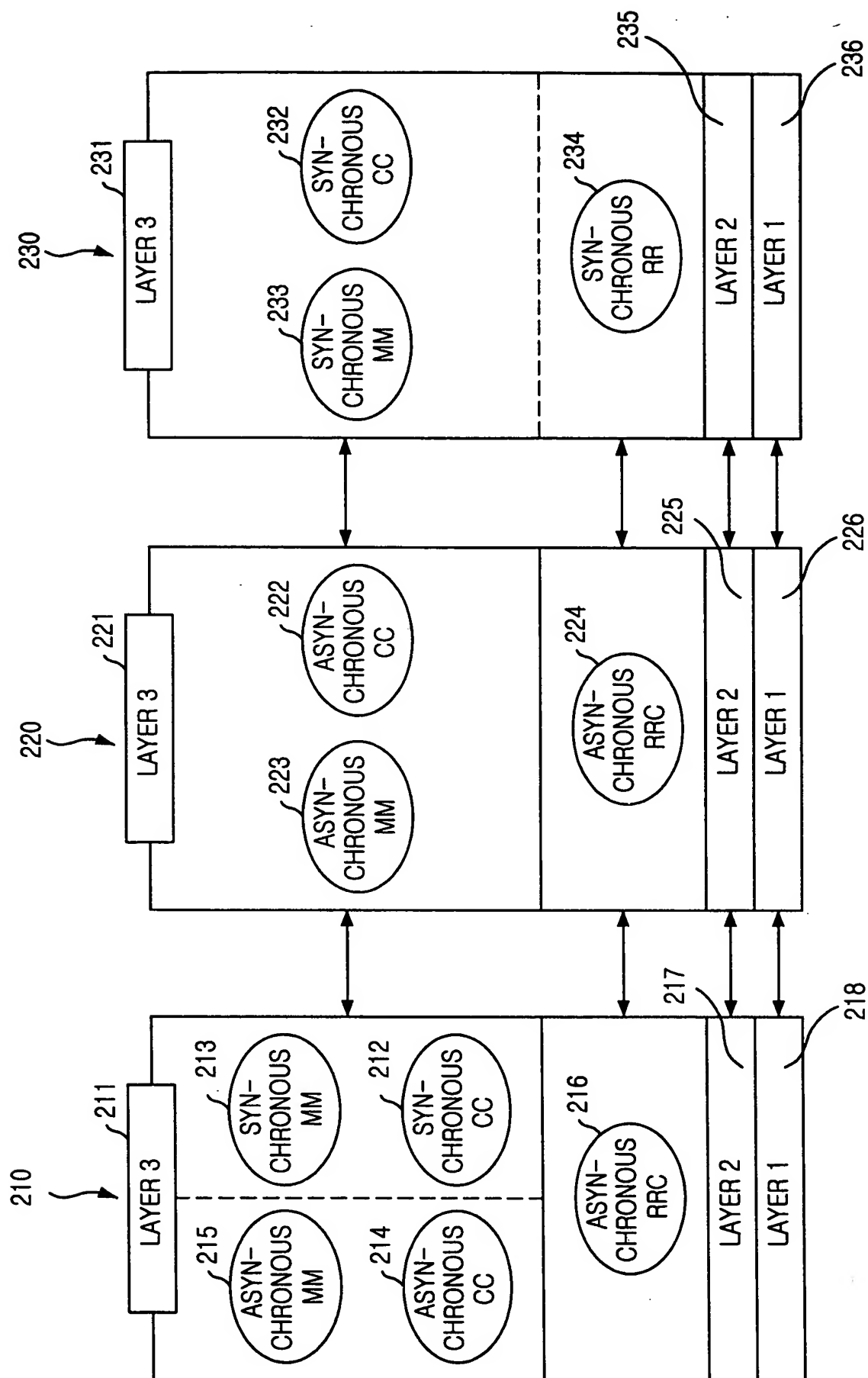




FIG. 5D

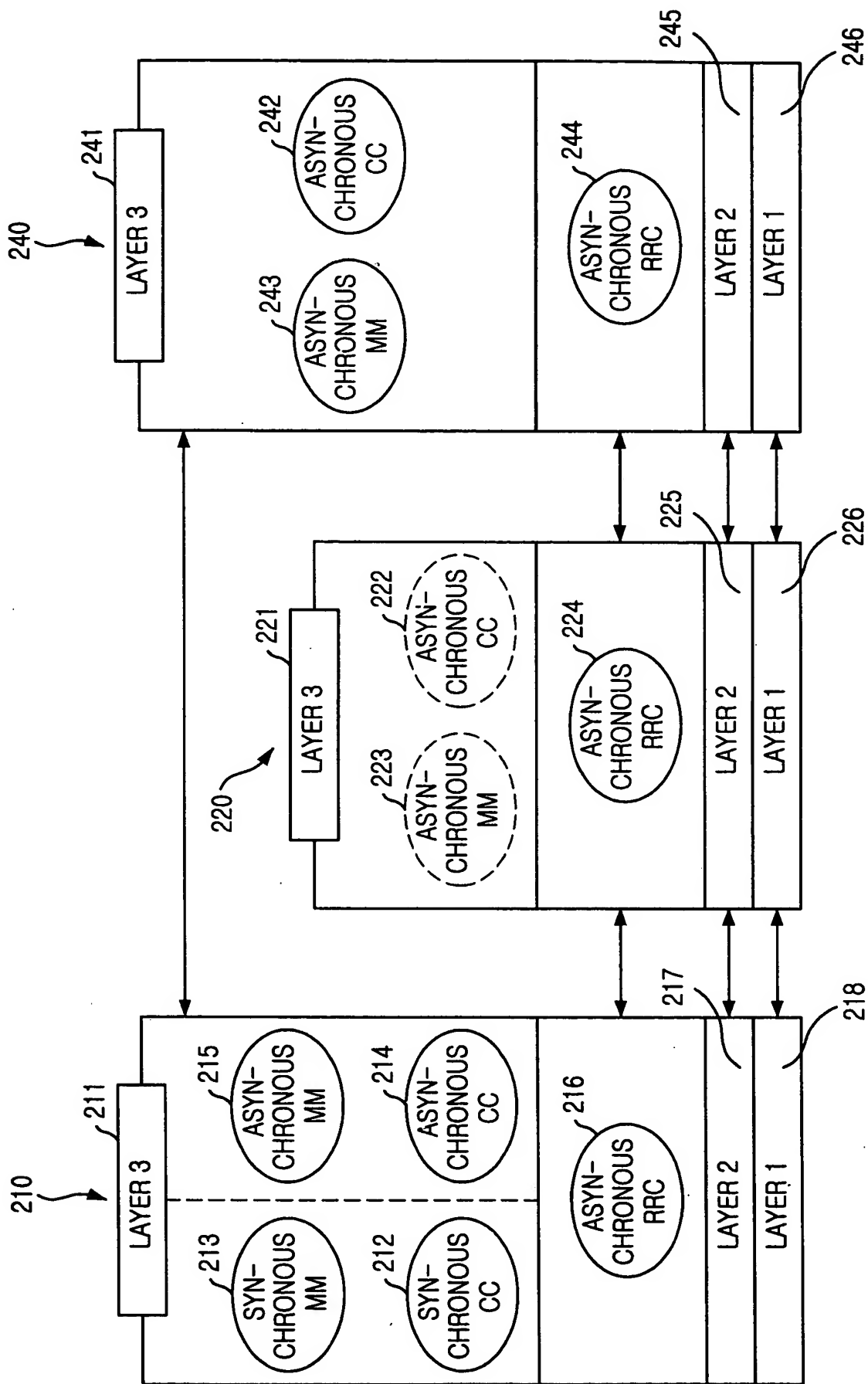


FIG. 4C

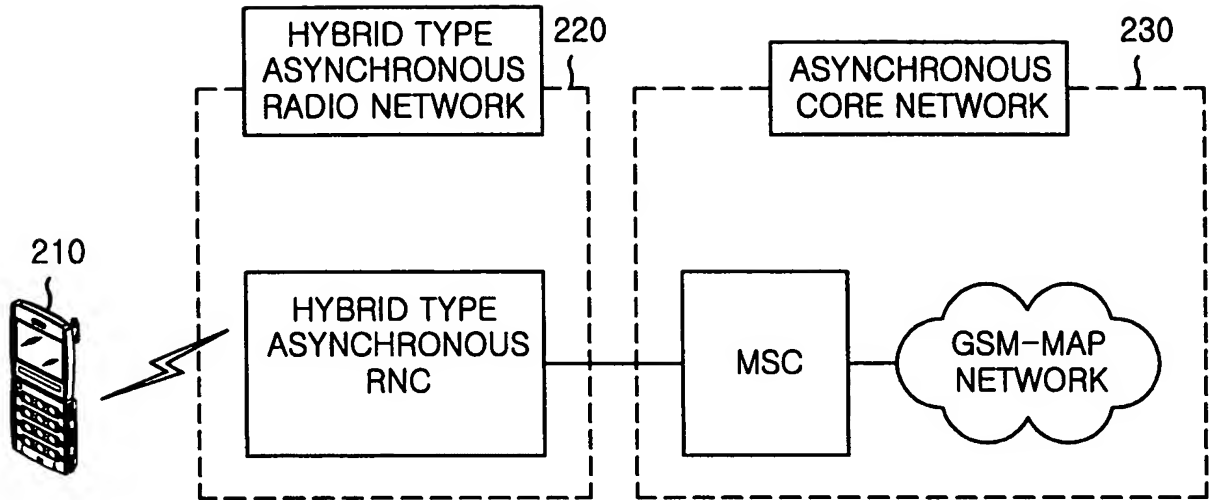


FIG. 4D

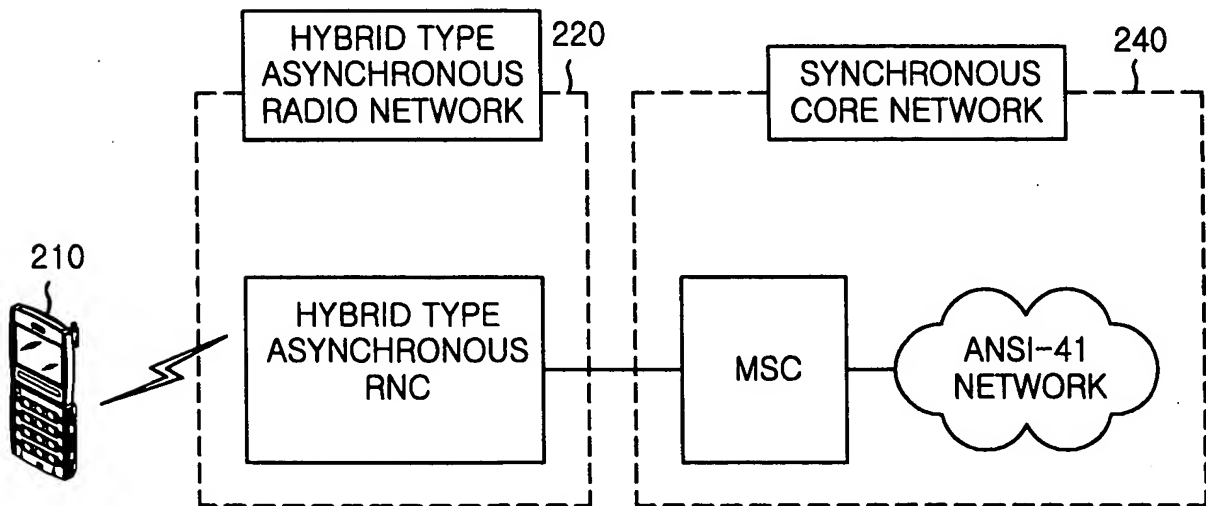


FIG. 6  
(PRIOR ART)

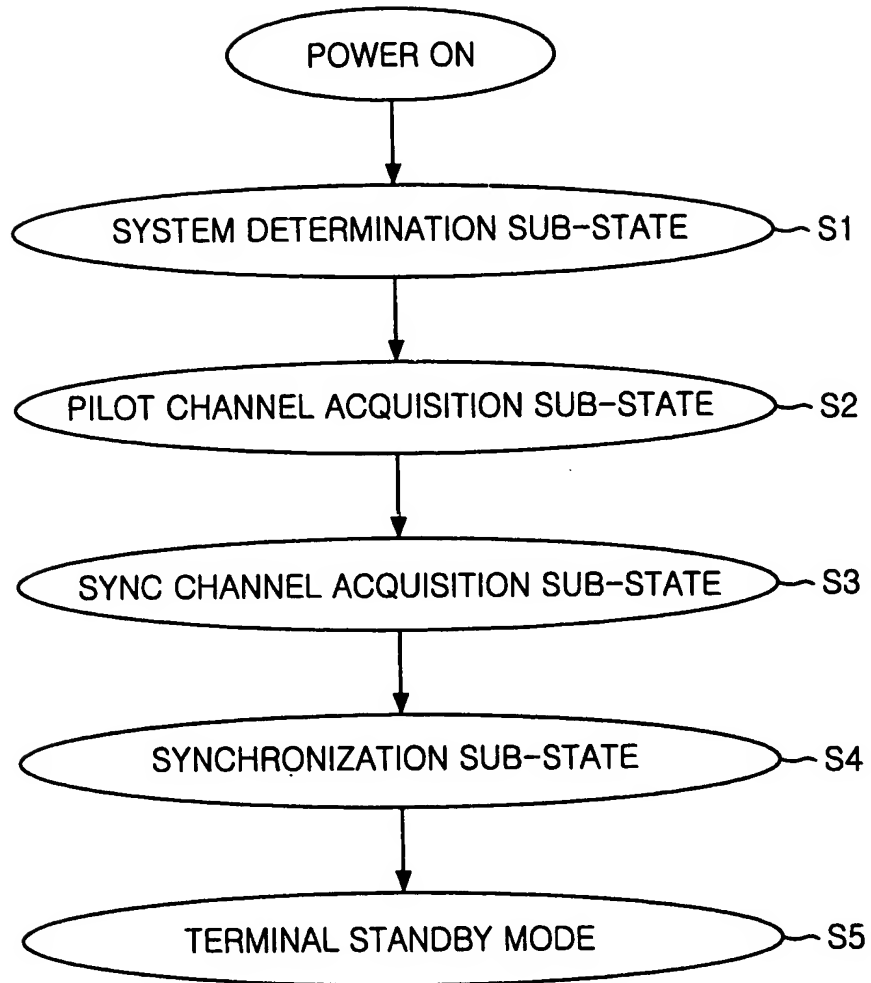


FIG. 7A  
(PRIOR ART)

PROTOCOL REVISION LEVEL (8 BITS)
MINIMUM PROTOCOL REVISION LEVEL (8 BITS)
SYSTEM IDENTIFICATION (15 BITS)
NETWORK IDENTIFICATION (16 BITS)
PILOT PN SEQUENCE OFFSET INDEX (9 BITS)
LONG CODE STATE (42 BITS)
SYSTEM TIME (36 BITS)
THE NUMBER OF LEAP SECONDS THAT HAVE OCCURRED SINCE THE START OF SYSTEM TIME (8 BITS)
OFFSET OF LOCAL TIME FROM SYSTEM TIME (6 BITS)
DAYLIGHT SAVINGS TIME INDICATOR (1 BIT)
PAGING CHANNEL DATA RATE (2 BITS)
FREQUENCY ASSIGNMENT (11 BITS)
EXTENDED FREQUENCY ASSIGNMENT (11 BITS)
ORTHOGONAL TRANSMIT DIVERSITY MODE (2 BITS)

FIG. 7B  
(PRIOR ART)

INFORMATION ELEMENT CATEGORY	INFORMATION ELEMENTS	REFER- ENCE	TYPE	NOTE	
CN INFORMATION ELEMENTS	MESSAGE TYPE		M		
	PLMN IDENTITY		M		
	CN DOMAIN IDENTITY		M		FOR EACH CORE NETWORK DOMAIN.
	NAS SYSTEM INFORMATION		M		INFORMATION MUST BE INCLUDED FOR AT LEAST ONE CORE NETWORK DOMAIN TYPE.
UTRAN MOBILITY INFORMATION ELEMENTS					
	URA IDENTITY		M		FOR EACH URA
	INFORMATION FOR PERIODIC CELL AND URA UPDATE		M		NOTE : NOT FOR EACH URA ANY MORE
	CELL IDENTITY		M	THE NECESSITY AND USAGE OF CELL IDENTITY IS FFS.	
	CELL SELECTION AND RE-SELECTION INFO		M		
⋮	⋮	⋮	⋮	⋮	
	⋮	⋮	⋮	⋮	

FIG. 8A

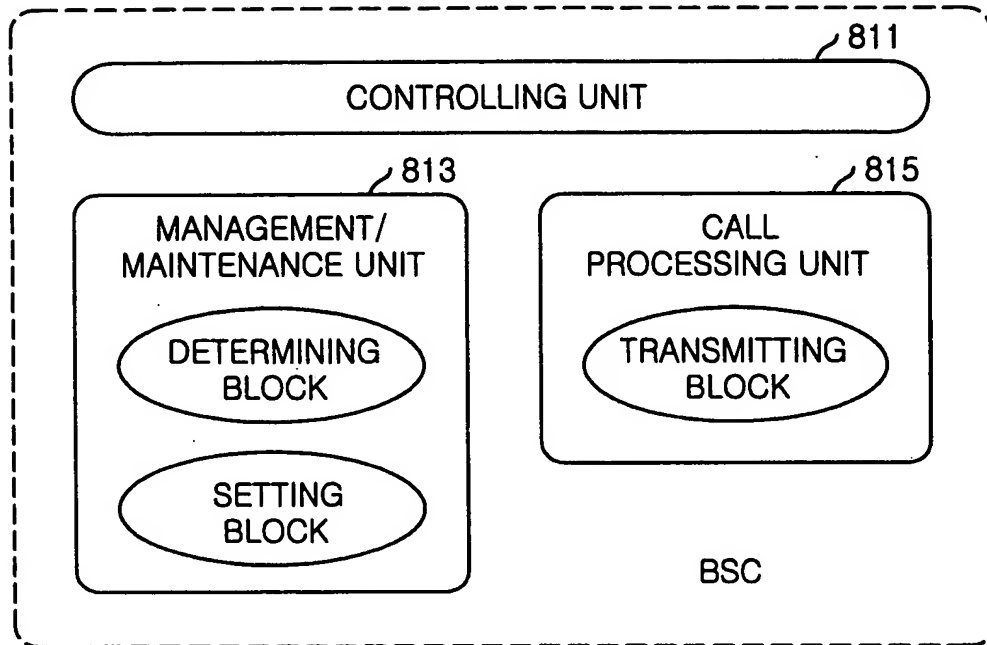


FIG. 8B

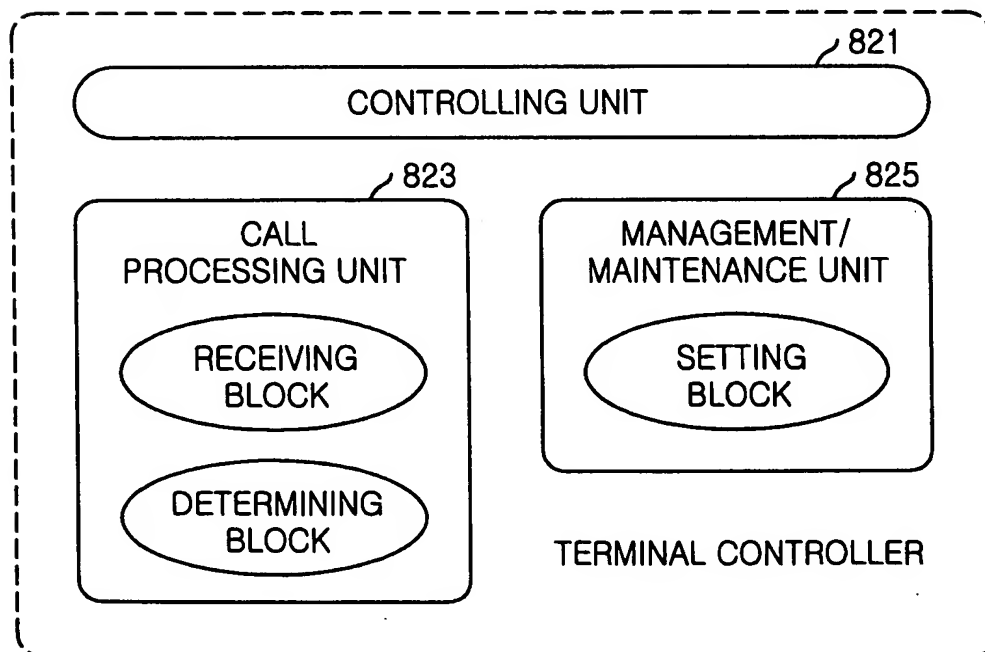


FIG. 9A

NETWORK DETERMINATOR(1 BIT)	}	CN TYPE="0"
PLMN IDENTIFY		
CN DOMAIN IDENTITY		
NAS SYSTEM INFORMATION		
PILOT PN SEQUENCE OFFSET INDEX (9 BITS)		
LONG CODE STATE (42 BITS)		
SYSTEM TIME (36 BITS)		
THE NUMBER OF LEAP SECONDS THAT HAVE OCCURRED SINCE THE START OF SYSTEM TIME (8 BITS)		
OFFSET OF LOCAL TIME FROM SYSTEM TIME (6 BITS)		
DAYLIGHT SAVINGS TIME INDICATOR (1 BIT)		
PAGING CHANNEL DATA RATE (2 BITS)		
FREQUENCY ASSIGNMENT (11 BITS)		
EXTENDED FREQUENCY ASSIGNMENT (11 BITS)		
ORTHOGONAL TRANSMIT DIVERSITY MODE (2 BITS)		

FIG. 9B

NETWORK DETERMINATOR(1 BIT)	}	CN TYPE="1"
PROTOCOL REVISION LEVEL (8 BITS)		
MINIMUM PROTOCOL REVISION LEVEL (8 BITS)		
SYSTEM IDENTIFICATION (15 BITS)		
NETWORK IDENTIFICATION (16 BITS)		
PILOT PN SEQUENCE OFFSET INDEX (9 BITS)		
LONG CODE STATE (42 BITS)		
SYSTEM TIME (36 BITS)		
THE NUMBER OF LEAP SECONDS THAT HAVE OCCURRED SINCE THE START OF SYSTEM TIME (8 BITS)		
OFFSET OF LOCAL TIME FROM SYSTEM TIME (6 BITS)		
DAYLIGHT SAVINGS TIME INDICATOR (1 BIT)		
PAGING CHANNEL DATA RATE (2 BITS)		
FREQUENCY ASSIGNMENT (11 BITS)		
EXTENDED FREQUENCY ASSIGNMENT (11 BITS)		
ORTHOGONAL TRANSMIT DIVERSITY MODE (2 BITS)		



FIG. 10A

[illegible]

FIG. 10B

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE(CN TYPE == "GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE(CN TYPE == "ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

FIG. 10C

INFORMATION ELEMENT	PRES-ENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
CHOICE MODE				
>TDD				
>>SFNPRIME	M		INTEGER (0,2..4094)	SFN=SFNPRIME(FOR FRIST 10ms FRAME OF 20ms TTI), SFN=SFNPRIME+1(FOR LAST 10ms FRAME OF 20ms TTI),
NETWORK CAPABILITY EXTENSION INDICATION				A VALUE OF "FALSE" INDICATES THAT THE INITIAL UE CAPABILITY IS INTERPRETED ACCORDING TO "RELEASE 99(FIRST RELEASE)". IF THE VALUE IS SET TO "TRUE", A NEW DEFINITION GIVEN IN A FUTURE RELEASE IS ADDED TO THIS INFORMATION ELEMENT.
CAPABILITY EXTENSION INFO	C-IND			NOTE 1
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			
>P_PEV	M			
>MIN_P_REV	M			
>SID	M			
>NID	M			

FIG. 10D

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE(CN TYPE == "GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE(CN TYPE == "ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

FIG. 11A

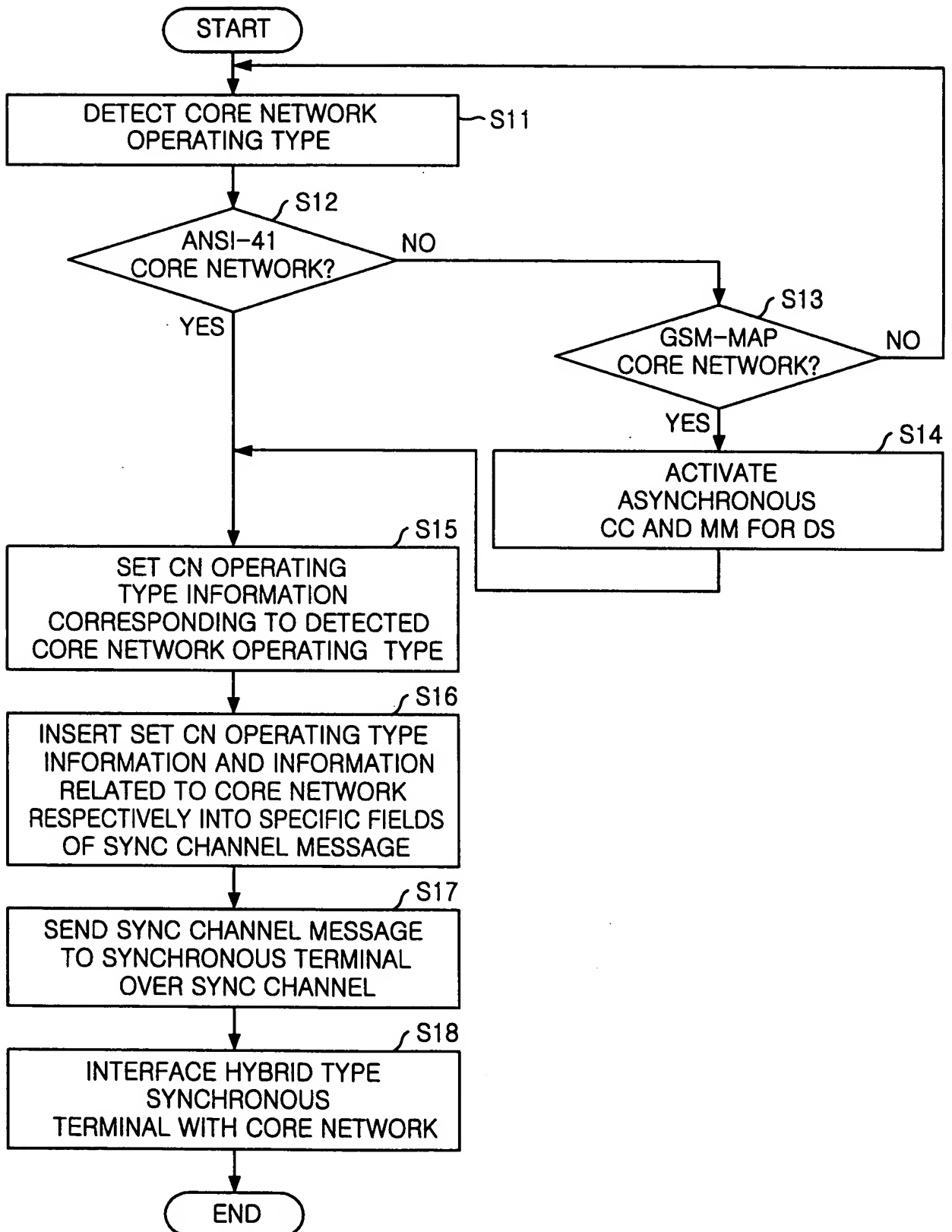


FIG. 11B

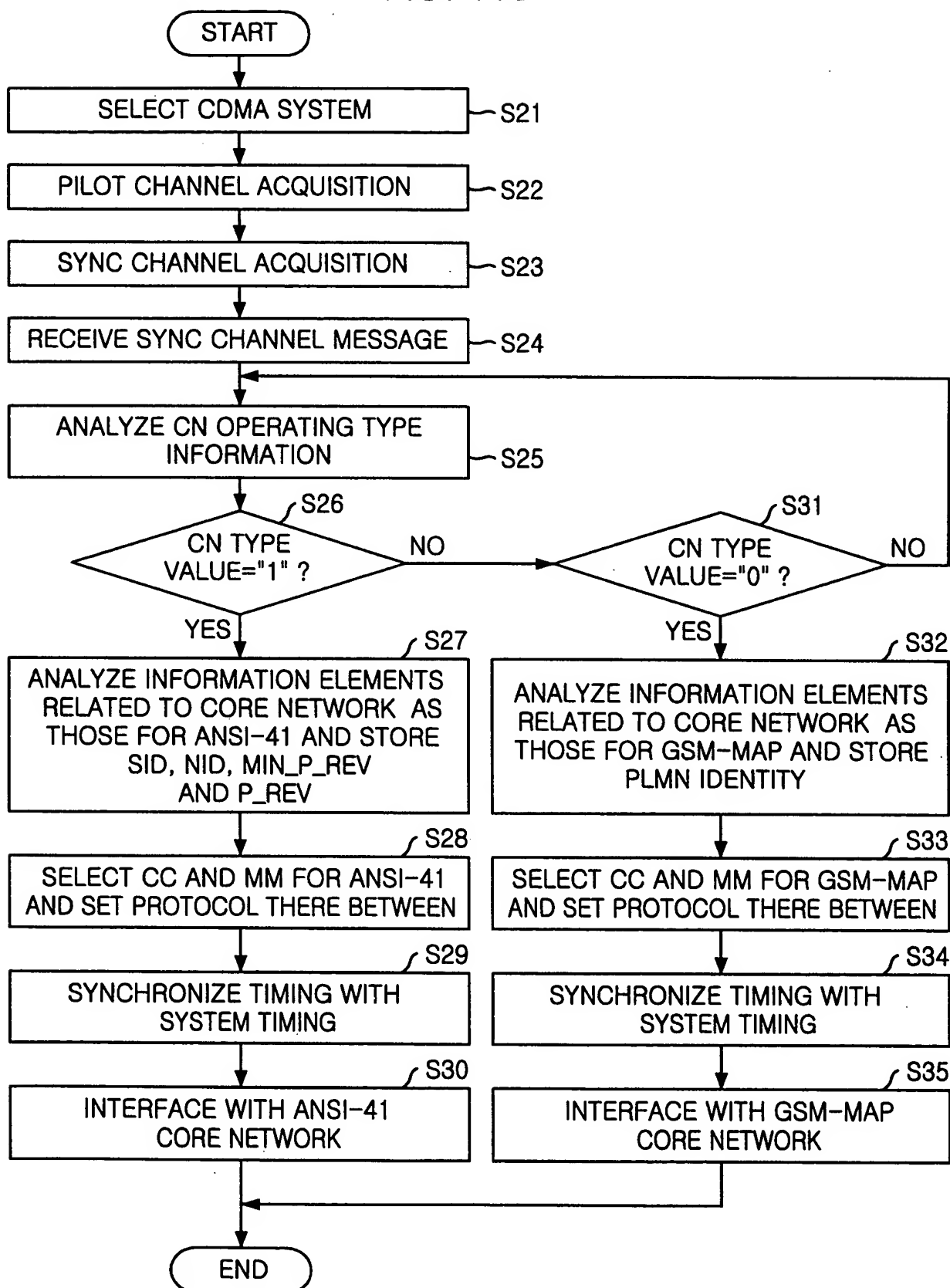


FIG. 12A

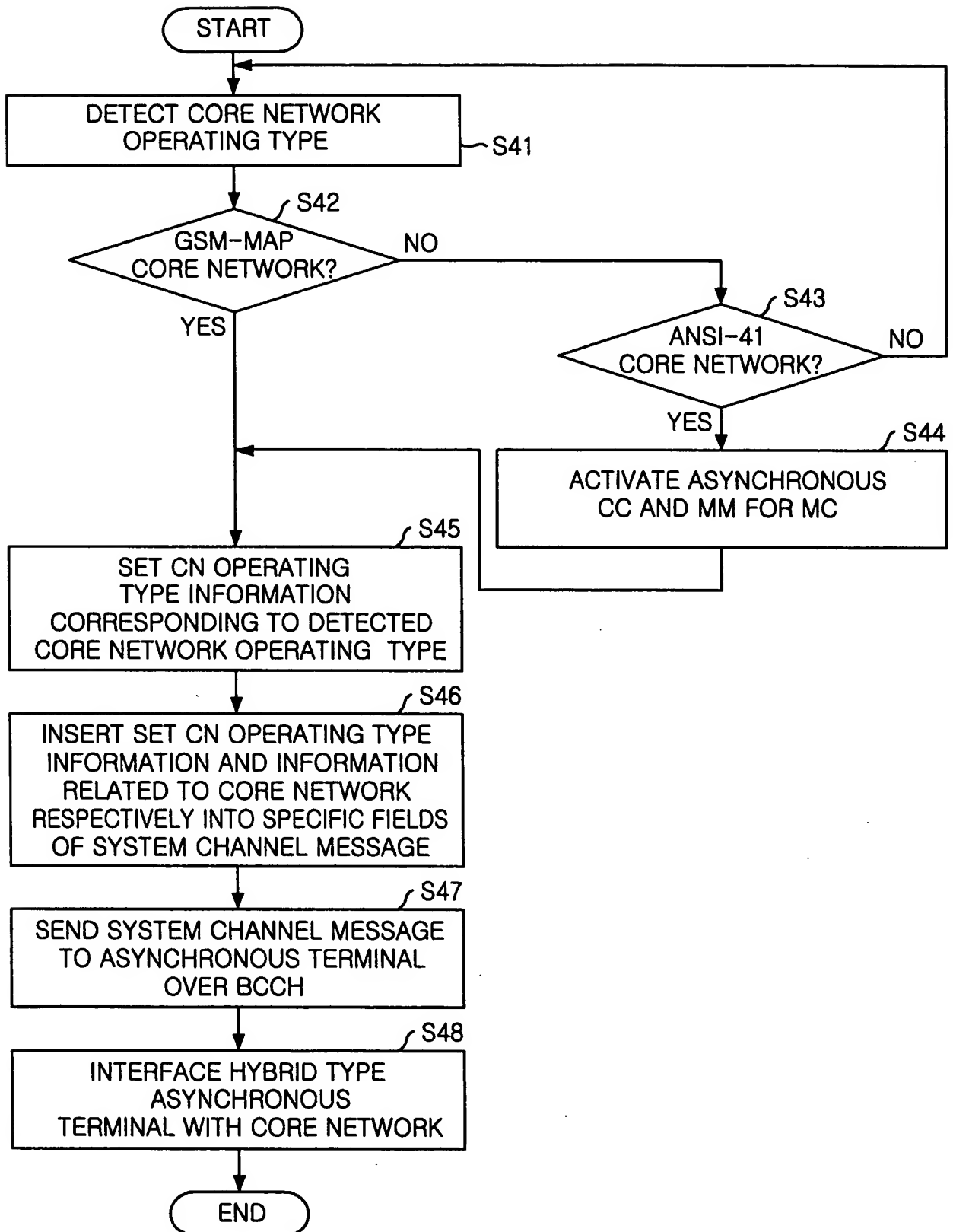


FIG. 12B

